U.S. Appln. No. 10/560,021
Response to Office Action dated April 28, 2009

PATENT
450100-05119

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend claims 3, 7, 9 and 10 as follows:

Listing of Claims:

1. (Original) A resource managing method for use with a resource managing apparatus having a plurality of processing means, said resource managing method comprising the steps of:

accepting a resource acquisition request from any one of said plurality of processing means;

determining whether a resource corresponding to said resource acquisition request from said one processing means conflicts with the resource to be used by another processing means;

deciding which of the processing means found to be in conflict with one another about resource usage should be granted permission to use the resource in question;

upon receipt of a request to be notified of release of said resource from the processing means not granted permission to use said resource, cataloging in a list said resource corresponding to the release notification request in conjunction with the release notification-requesting processing means;

upon receipt of a notice saying that said resource has been released from the processing means having been granted permission to use said resource, checking from said list said release notification-requesting processing means; and

issuing an acquisition complete notice saying that said resource has been acquired to said release notification-requesting processing means checked from said list in said list checking step.

2. (Original) The resource managing method according to claim 1, wherein said deciding step decides whether or not to grant permission to use said resource according to a priority predetermined for each of said processing means.

3. (Currently Amended) The resource managing method according to claim 1, wherein a function represents at least one resource needed to perform a desired process and said accepting step accepts said resource acquisition request per function representing at least one resource needed to perform a desired process;

wherein said determining step determines presence of conflict between resources per function;

wherein said deciding step decides whether or not to grant permission to use resources per function;

wherein said list cataloging step catalogs said resources in said list per function;

wherein said list checking step checks said list per function; and

wherein said notice issuing step issues said acquisition complete notice per function.

4. (Original) The resource managing method according to claim 3, wherein said deciding step decides whether or not to grant permission to use said resources according to a priority predetermined per function.

00667734.DOC

U.S. Appln. No. 10/560,021
Response to Office Action dated April 28, 2009

PATENT
450100-05119

5. (Original) A resource managing apparatus having a plurality of processing means, said resource managing apparatus comprising:

accepting means for accepting a resource acquisition request from any one of said plurality of processing means;

conflict determining means for determining whether a resource corresponding to said resource acquisition request from said one processing means conflicts with the resource to be used by another processing means;

deciding means for deciding which of the processing means found to be in conflict with one another about resource usage should be granted permission to use the resource in question;

list cataloging means which, upon receipt of a request to be notified of release of said resource from the processing means not granted permission to use said resource, catalogs in a list said resource corresponding to the release notification request in conjunction with the release notification-requesting processing means;

list checking means which, upon receipt of a notice saying that said resource has been released from the processing means having been granted permission to use said resource, checks from said list said release notification-requesting processing means; and

notice issuing means for issuing an acquisition complete notice saying that said resource has been acquired to said release notification-requesting processing means checked from said list by said list checking means.

U.S. Appln. No. 10/560,021
Response to Office Action dated April 28, 2009

PATENT
450100-05119

6. (Original) The resource managing apparatus according to claim 5, wherein said deciding means decides whether or not to grant permission to use said resource according to a priority predetermined for each of said processing means.

7. (Currently Amended) The resource managing apparatus according to claim 5, wherein a function represents at least one resource needed to perform a desired process and said accepting means accepts said resource acquisition request per function ~~representing at least one resource needed to perform a desired process~~;

wherein said conflict determining means determines presence of conflict between resources per function;

wherein said deciding means decides whether or not to grant permission to use resources per function;

wherein said list cataloging means catalogs said resources in said list per function;

wherein said list checking means checks said list per function; and

wherein said notice issuing means issues said acquisition complete notice per function.

8. (Original) The resource managing apparatus according to claim 7, wherein said deciding means decides whether or not to grant permission to use said resources according to a priority predetermined per function.

9. (Currently Amended) A resource managing apparatus having a plurality of applications, a resource manager access library, and a resource manager processing block;

wherein said resource manager access library comprises: an accepting block for accepting a resource acquisition request from any one of said plurality of applications; and a notice issuing block for issuing an acquisition complete notice saying that a resource has been acquired to any one of said plurality of applications;

wherein said resource manager processing block comprises: a conflict determining block for determining whether the resource corresponding to said resource acquisition request from said application conflicts with the resource to be used by another application; a deciding block for deciding which of the applications found to be in conflict with one another about resource usage should be granted permission to use the resource in question; a list cataloging block which, upon receipt of a request to be notified of release of said resource from the application not granted permission to use said resource, catalogs in a list said resource corresponding to the release notification request in conjunction with the release notification-requesting ~~processing means~~ application; and a list checking block which, upon receipt of a notice saying that said resource has been released from the ~~processing means~~ application having been granted permission to use said resource, checks from said list said release notification-requesting ~~processing means~~ application; and

wherein said resource manager access library issues an acquisition complete notice saying that said resource has been acquired to said release notification-requesting application checked from said list by said list checking block.

10. (Currently Amended) A resource managing program, embodied on a computer readable medium, for execution by a resource managing apparatus having a plurality of

00667734.DOC

processing means, said resource managing program causing said resource managing apparatus to execute a process comprising the steps of:

accepting a resource acquisition request from any one of said plurality of processing means;

determining whether a resource corresponding to said resource acquisition request from said one processing means conflicts with the resource to be used by another processing means;

deciding which of the processing means found to be in conflict with one another about resource usage should be granted permission to use the resource in question;

upon receipt of a request to be notified of release of said resource from the processing means not granted permission to use said resource, cataloging in a list said resource corresponding to the release notification request in conjunction with the release notification-requesting processing means;

upon receipt of a notice saying that said resource has been released from the processing means having been granted permission to use said resource, checking from said list said release notification-requesting processing means; and

issuing an acquisition complete notice saying that said resource has been acquired to said release notification-requesting processing means checked from said list in said list checking step.

11. (Original) A storage medium which stores a resource managing program readable for execution by a resource managing apparatus having a plurality of processing means,

-8-

said resource managing program causing said resource managing apparatus to execute a process

comprising the steps of:

accepting a resource acquisition request from any one of said plurality of processing

means;

determining whether a resource corresponding to said resource acquisition request

from said one processing means conflicts with the resource to be used by another processing

means;

deciding which of the processing means found to be in conflict with one another

about resource usage should be granted permission to use the resource in question;

upon receipt of a request to be notified of release of said resource from the

processing means not granted permission to use said resource, cataloging in a list said resource

corresponding to the release notification request in conjunction with the release notification-

requesting processing means;

upon receipt of a notice saying that said resource has been released from the

processing means having been granted permission to use said resource, checking from said list

said release notification-requesting processing means; and

issuing an acquisition complete notice saying that said resource has been acquired to

said release notification-requesting processing means checked from said list in said list checking

step.